

STAFF PRECERTIFICATIONS

Cat #	Description	06891	06944	08266	15491	19960	20812	20923	22049	
		Ben L. Galvan	Thomas C. Kuykendall Jr.	Paul Ray Smith	Randy P. Janak	Jason C. Kaspar	Blaise Dreitner	Randy J. Bena	David A. Kelley	
3.1.1	Route Studies & Schematic Design - Minor Roadways	x	x			x	x			4
3.2.1	Route Studies & Schematic Design - Major Roadways	x	x			x	x			4
3.3.1	Route Studies & Schematic Design - Complex Highways		x			x				2
3.4.1	Minor Bridge Layouts	x	x			x	x			4
4.1.1	Minor Roadway Design	x	x		x	x	x		x	6
4.2.1	Major Roadway Design	x	x		x	x	x			5
4.3.1	Complex Highway Design		x			x				2
7.1.1	Traffic Engineering Studies		x							1
8.1.1	Signing, Pavement Marking and Channelization	x	x		x	x	x		x	6
8.5.1	Highway-Rail Grade Crossings	x								1
10.1.1	Hydrologic Studies	x	x		x		x			4
10.2.1	Basic Hydraulic Design	x	x		x	x	x			5
10.3.1	Complex Hydraulic Design	x	x		x		x			4
10.5.1	Bridge Scour Evaluations & Analysis	x					x			2
11.1.1	Roadway Construction Management & Inspection	x						x	x	3
11.2.1	Major Bridge Construction Management & Inspection							x	x	2
15.1.1	Survey	x		x						2
15.1.2	Parcel Plats	x		x						2
15.1.3	Legal Descriptions	x		x						2
15.1.4	Right of Way Maps	x		x						2
15.2.1	Design & Construction Survey	x		x						2
15.4.1	Horizontal & Vertical Control for Aerial Mapping	x		x						2
18.2.1	Subsurface Utility Engineering		x			x				2
		18	13	6	6	10	10	2	4	